

Contents

- Abraham M, Hilge V, Lison S, Tibika H: The cellular envelope of oocytes in teleosts 403-410
- Ahrén K, see Cajander S, et al. 59-63, 565-573
- Ancil M, Descarries L, Watkins KC: Distribution of [³H]noradrenaline and [³H]serotonin in photophores of *Porichthys notatus*. An electron-microscopic radioautographic analysis 129-136
- Anteunis A, Pouchelet M, Gansmüller A, Robineaux R: The spatial organization of nucleolar DNA in phytohemagglutinin-stimulated lymphocytes of the guinea pig 65-70
- Bär Th, Güldner F-H, Wolff JR: "Seamless" endothelial cells of blood capillaries 99-106
- Balemans MGM, see Juillard MT, et al. 539-549
- Bambauer H-J, see Ueno S, et al. 3-11
- Ban T, see Ishimura K, et al. 207-209
- Barlet JP, see Treilhou-Lahille F, et al. 439-448
- Basse A, see Bielefeldt Ohmann H 153-158
- Beaudoin AR, see Phaneuf S, et al. 699-701
- Bennet MVL, see Hanna RB, et al. 243-249
- Bergamin Sassen MJM, see Jong-Brink M de, et al. 593-600
- Bielefeldt Ohmann H, Basse A: Interdigitating cells in the lymphoid tissues of bovine fetuses and calves. An electron-microscopic study 153-158
- Bird MM: Regions of putative acetylcholine receptors at synaptic contacts between neurons maintained in culture and subsequently fixed in solutions containing tannic acid 85-89
- Bjersing L, see Cajander S, et al. 59-63, 565-573
- Bogaard M vd, see Strobband HWJ, et al. 347-356
- Boissy RE, Lamont SJ, Smyth JR Jr: Persistence of abnormal melanocytes in immunosuppressed chickens of the autoimmune "DAM" line 663-668
- Boquist L, see Larsson H-O, et al. 51-58
- Bowker SJ, see Weakley BS, et al. 379-386
- Buchan AMJ: An immunocytochemical study of endocrine pancreas of snakes 657-661
- Buchheim W, see Welsch U, et al. 433-438
- Bulog B, see Istenić L 393-402
- Burighel P, Schiavinato A: Degenerative regression of the digestive tract in the colonial ascidian *Botryllus schlosseri* (Pallas) 309-318
- Busch LC, see Winterhager E, et al. 357-363
- Cajander S, Janson PO, LeMaire WJ, Källfelt BJ, Holmes PV, Ahrén K, Bjersing L: Studies on the morphology of the isolated perfused rabbit ovary. I. Effect of long-term perfusion 59-63
- Cajander S, Janson PO, LeMaire WJ, Källfelt BJ, Holmes PV, Ahrén K, Bjersing L: Studies on the morphology of the isolated perfused rabbit ovary. II. Ovulation in vitro after HCG-treatment in vivo 565-573
- Castellucci M, see Martinoli C, et al. 647-655
- Chung SK, see Cohen RS, et al. 485-489
- Cohen RS, Chung SK, Pfaff DW: Alteration by estrogen of the nucleoli in nerve cells of the rat hypothalamus 485-489
- Collin JP, see Juillard MT, et al. 539-549
- Costa M, Furness JB, Yanaihara N, Yanaihara C, Moody TW: Distribution and projections of neurons with immunoreactivity for both gastrin-releasing peptide and bombesin in the guinea-pig small intestine 285-293
- Cuello C, see Lundberg JM, et al. 251-261
- Dacheux F: Differentiation of cells producing polypeptide hormones (ACTH, MSH, LPH, α - and β -endorphin, GH and PRL) in the fetal porcine anterior pituitary 615-621
- Dacheux F: Functional differentiation of the anterior pituitary cells in the fetal pig. An ultrastructural immunocytochemical study 623-633
- Daniel EE, see Lee RMKW, et al. 43-49
- Descarries L, see Ancil M, et al. 129-136
- Deyrup-Olsen I, see Lucht DL, et al. 143-151
- Dickson DH, see Yorke MA 177-186
- Dörig-Schwarzenbach A, see Schroeder HE 195-199
- Doerr-Schott J, Zuber-Vogeli M: Immunohistochemical study of the adenohypophysis of *Typhlonectes compressicaudus* (Amphibia, Gymnophiona) (Short Communication) 211-214
- Donaldson DJ, Mahan JT: Epidermal cell migration on laminin-coated substrates. Comparison with other extracellular matrix and non-matrix proteins 221-224
- Dores RM, Finger ThE, Gold MR: Immunohistochemical localization of enkephalin- and ACTH-related substances in the pituitary of the lamprey 107-115
- Dubois PM, see Morel G, et al. 159-169
- Eckert BS, see Parysek LM 575-581
- Ekman R, see Leander S, et al. 521-531
- Ellinger A, Pavelka M: Effect of monensin on the Golgi apparatus of absorptive cells in the small intestine of the rat. Morphological and cytochemical studies 187-194
- Eneström S, see Norrby K 339-345
- Fänge R, see Zapata A, et al. 691-693
- Finger ThE, see Dores RM, et al. 107-115
- Fisher AWF, Wong K, Gill V, Lederis K: Immunocytochemical localization of urotensin I neurons in the caudal neurosecretory system of the white sucker (*Catostomus commersoni*) 19-23
- Forest MG, see Morel G, et al. 159-169
- Forssmann WG, see Heym Ch, et al. 411-418
- Forssmann WG, see Taugner R, et al. 319-325
- Friese W, see Haase W, et al. 683-690
- Fujita H, see Ishimura K, et al. 207-209
- Fujita T, see Ushiki T, et al. 509-514
- Furness JB, see Costa M, et al. 285-293
- Gabella G: Hypertrophic smooth muscle. V. Collagen and other extracellular materials. Vascularization 275-283
- Gansmüller A, see Anteunis A, et al. 65-70
- Gasparo M de, see Reusens-Billen B, et al. 503-508
- Gielen JTh, see Hurk R van den, et al. 635-642
- Gill V, see Fisher AWF, et al. 19-23
- Gnatzy W, Mohren W, Steinbrecht RA: Pheromone receptors in *Bombyx mori* and *Antheraea pernyi*. II. Morphometric analysis 35-42
- Gnatzy W, see Steinbrecht RA 25-34
- Gold MR, see Dores RM, et al. 107-115
- Goto T, Takasu N, Yoshida M: A unique photoreceptive structure in the arrowworms *Sagitta crassa* and *Spadella schizoptera* (Chaetognatha) 471-478
- Grondin G, see Phaneuf S, et al. 699-701
- Güldner FH: Suprachiasmatic nucleus: Numbers of synaptic appositions and various types of synapses. A morphometric study on male and female rats 449-452
- Güldner F-H, see Bär Th, et al. 99-106
- Haase W, Friese W, Heitmann K: Electron-microscopic demonstration of the distribution of calcium deposits in the exocrine pancreas of the rat after application of carbachol, atropine, cholecystokinin, and procaine 683-690
- Hafner GS, see Tokarski TR 387-392
- Hagino N, see Inoue K 71-75
- Håkanson R, see Leander S, et al. 521-531

- Hanna RB, Pappas GD, Bennet MVL: The fine structure of identified electronic synapses following increased coupling resistance 243-249
- Hather BM, see Walro JM, et al. 515-519
- Heimann P: Fine structure and molting of aesthetasc sense organs on the antennules of the isopod, *Asellus aquaticus* (Crustacea) 117-128
- Heinen E, see Radoux D, et al. 267-274
- Heinsen H, see Müller U 91-98
- Heitmann K, see Haase W, et al. 683-690
- Herp F Van, see Jacobs AAC 601-605
- Heym Ch, Reinecke M, Weihe E, Forssmann WG: Dopamine- β -hydroxylase-, neurotensin-, substance P-, vasoactive intestinal polypeptide- and enkephalin-immunohistochemistry of paravertebral and prevertebral ganglia in the cat 411-418
- Hikida RS, see Walro JM, et al. 515-519
- Hildebrand R, Karcher B: Karyometry of nuclei in liver cells. Heterogeneity of nuclear volume and percentage of binucleate cells associated with veins 669-673
- Hilge V, see Abraham M, et al. 403-410
- Hill MW, see Mackenzie IC 551-559
- Höckfelt T, see Lundberg JM, et al. 251-261
- Hoeksema GW, see Zagon IS, et al. 371-377
- Hoet JJ, see Reusens-Billen B, et al. 503-508
- Hogg JC, see Walker DC, et al. 607-613
- Holmes PV, see Cajander S, et al. 59-63, 565-573
- Huang SK, Nobiling R, Schachner M, Taugner R: Interstitial and parenchymal cells in the pineal gland of the golden hamster. A combined thin-section, freeze-fracture and immunofluorescence study 327-337
- Huang SK, Taugner R: Gap junctions between guinea-pig pinealocytes 137-141
- Hulbert WC, see Walker DC, et al. 607-613
- Hurk R van den, Gielen JTh, Terlouw M: Accumulation of glycoprotein gonadotropin in the pituitary of juvenile rainbow trout in response to androgens and C21-steroids, including 11-steroids 635-642
- Hurkmans PJM, see Jong-Brink M de, et al. 593-600
- Iida S, see Ishizeki K, et al. 419-426
- Inokuchi H, Kawai K, Takeuchi Y, Sano Y: Immunohistochemical study on the morphology of enterochromaffin cells in the human fundic mucosa (Short Communication) 703-705
- Inoue K, Hagino N: Comparative immunocytochemical demonstration of ACTH-, LH- and FSH-containing cells in the pituitary of neonatal, immature and adult rats 71-75
- Inoue K, Kurosumi K: Ultrastructural immunocytochemical localization of LH and FSH in the pituitary of the untreated male rat 77-83
- Ishimura K, Fujita H, Ban T, Matsuda H, Sobue K, Kakiuchi S: Immunocytochemical demonstration of caldesmon (a calmodulin-binding, F-actin-interacting protein) in smooth muscle fibers and absorptive epithelial cells in the small intestine of the rat (Short Communication) 207-209
- Ishizeki K, Nawa T, Tachibana T, Sakakura Y, Iida S: Hemopoietic sites and development of eosinophil granulocytes in the loach, *Misgurnus anguillicaudatus* 419-426
- Ishizeki K, see Tachibana T, et al. 695-697
- Isteti L, Bulog B: Some evidence for the ampullary organs in the European cave salamander *Proteus anguinus* (Urodela, Amphibia) 393-402
- Iwanaga T, see Ushiki T, et al. 509-514
- Jacobs AAC, Herp F Van: Immunocytochemical localization of a substance in the eyestalk of the prawn, *Palaemon serratus*, reactive with an anti-FMRF-amide rabbit serum 601-605
- James JL, see Weakley BS, et al. 379-386
- Janson PO, see Cajander S, et al. 59-63, 565-573
- Jong-Brink M de, With ND de, Hurkmans PJM, Bergamin Sassen MJM: A morphological, enzyme-cytochemical, and physiological study of the blood-gonad barrier in the hermaphroditic snail *Lymnaea stagnalis* 593-600
- Jørgensen NC, Schmalbruch H: The eggs of the freshwater fish *Epiplatys dageti* have tight plasma membranes without intramembranous particles 643-646
- Juillard MT, Collin JP, Balemans MGM, Quéau A: In-vitro uptake and metabolism of [3 H]-5-hydroxytryptamine in the pineal glands of the rabbit, rat and hamster. A comparative study with the use of autoradiography, chromatography and liquid-scintillation counting 539-549
- Källfelt BJ, see Cajander S, et al. 59-63, 565-573
- Kakiuchi S, see Ishimura K, et al. 207-209
- Karcher B, see Hildebrand R 669-673
- Kasprzak A, see Nikicicz H, et al. 459-462
- Kaufmann P, see Martinoli C, et al. 647-655
- Kawai K, see Inokuchi H, et al. 703-705
- Kawashima S, see Takahashi S, et al. 497-502
- Kinet-Denoël C, see Radoux D, et al. 267-274
- Kingsley RJ, Watabe N: Synthesis and transport of the organic matrix of the spicules in the gorgonian *Leptogorgia virgulata* (Lamarck) (Coelenterata: Gorgonacea). An autoradiographic investigation 533-538
- Kirchheim H, see Taugner R, et al. 319-325
- Knapp RJ, see Li JY, et al. 263-266
- Kosaras B, see Seress L, et al. 453-457
- Kühnel W, see Winterhager E, et al. 357-363
- Kurosumi K, see Inoue K 77-83
- Kwan CY, see Lee RMKW, et al. 43-49
- Lamont SJ, see Boissy RE, et al. 663-668
- Larsson H-O, Lorentzon R, Boquist L: Structure of the parathyroid glands, as revealed by different methods of fixation. A quantitative light- and electron-microscopic study in untreated Mongolian gerbils 51-58
- Lasmoles F, see Treilhou-Lahille F, et al. 439-448
- Lázár G, see Seress L, et al. 453-457
- Leander S, Ekman R, Uddman R, Sundler F, Håkanson R: Neuronal cholecystokinin, gastrin-releasing peptide, neurotensin, and β -endorphin in the intestine of the guinea pig. Distribution and possible motor functions 521-531
- LeBel D, see Phaneuf S, et al. 699-701
- Lederis K, see Fisher AWF, et al. 19-23
- Lee RMKW, Kwan CY, Daniel EE: Dense-cored membranous structures in smooth muscle cells of the vas deferens of the rat 43-49
- Lee RWH, see Trifaró JM, et al. 365-370
- LeMaire WJ, see Cajander S, et al. 59-63, 565-573
- Li JY, Knapp RJ, Sternberger LA: Immunocytochemistry of a "private" luteinizing-hormone-releasing hormone system in the pituitary 263-266
- Liesner R, see Oksche A, et al. 467-469
- Lison S, see Abraham M, et al. 403-410
- Lösecke W, Naumann W, Sterba G: Preparation and discharge of secretion in the subcommissural organ of the rat. An electron-microscopic immunocytochemical study 201-206
- Lord A, see Phaneuf S, et al. 699-701
- Lorentzon R, see Larsson H-O, et al. 51-58
- Luchtel DL, Martin AW, Deyrup-Olsen I: The channel cell of the terrestrial slug *Ariolimax columbianus* (Stylommatophora, Ariolidae) 143-151
- Lundberg JM, Höckfelt T, Martling C-R, Saria A, Cuello C: Substance P-immunoreactive sensory nerves in the lower respiratory tract of various mammals including man 251-261
- MacKenzie A, see Walker DC, et al. 607-613
- Mackenzie IC, Hill MW: Connective tissue influences on patterns of epithelial architecture and keratinization in skin and oral mucosa of the adult mouse 551-559
- Mahan JT, see Donaldson DJ 221-224
- Malendowicz LK, see Nikicicz H, et al. 459-462
- Martin AW, see Luchtel DL, et al. 143-151
- Martinoli C, Castellucci M, Zaccheo D, Kaufmann P: Scanning electron microscopy of stromal cells of human placental villi throughout pregnancy 647-655

- Martling C-R, see Lundberg JM, et al. 251-261
- Masuda T, see Ushiki T, et al. 509-514
- Matsuda H, see Ishimura K, et al. 207-209
- Matsuda S, Uehara Y: Prenatal development of the rat dorsal root ganglia. A scanning electron-microscopic study 13-18
- Matsuura S, Sahara N, Suzuki K: Fine structure of submandibular glands of mice with testicular feminization (Tfm/Y) 295-301
- Mattisson A, see Zapata A, et al. 691-693
- Maxwell MH: The distribution and localisation of acid trimetaphosphatase in developing heterophils and eosinophils in the bone marrow of the fowl and the duck 171-176
- McDonnell TJ, Oberpriller JO: The response of the atrium to direct mechanical wounding in the adult heart of the newt, *Notophthalmus viridescens*. An electron-microscopic and autoradiographic study 583-592
- McLaughlin PJ, see Zagon IS, et al. 371-377
- Menco BPhM: Ciliated and microvillous structures of rat olfactory and nasal respiratory epithelia. A study using ultra-rapid cryo-fixation followed by freeze-substitution or freeze-etching 225-241
- Milhaud G, see Treilhou-Lahille F, et al. 439-448
- Mohren W, see Gnatzy W, et al. 35-42
- Moody TW, see Costa M, et al. 285-293
- Morel G, Forest MG, Dubois PM: Ultrastructural evidence for endogenous testosterone immunoreactivity in the pituitary gland of the rat 159-169
- Moukhtar MS, see Treilhou-Lahille F, et al. 439-448
- Müller U, Heinsen H: Regional differences in the ultrastructure of Purkinje cells of the rat 91-98
- Nada O, see Toyoshima K, et al. 479-484
- Naito I, see Tsujii T, et al. 491-496
- Naumann W, see Lösecke W, et al. 201-206
- Nawa T, see Ishizeki K, et al. 419-426
- Nawa T, see Tachibana T, et al. 695-697
- Neiss WF: Invaginated apical vacuoles in the cells of the proximal convoluted tubule in the rat kidney 463-466
- Nikicic H, Kasprzak A, Malendowicz LK: Sex differences in adrenocortical structure and function. XIII. Stereologic studies on adrenal cortex of maturing male and female hamsters 459-462
- Nobiling R, see Huang SK, et al. 327-337
- Norby K, Eneström S: Cellular and extracellular changes following mast-cell secretion in avascular rat mesentery. An electron microscopic study 339-345
- Oberpriller JO, see McDonnell TJ 583-592
- Okazaki K, see Takahashi S, et al. 497-502
- Oksche A: Editorial 1
- Oksche A, Liesner R, Tigges J, Tigges M: Intraepithelial inclusions resembling human Biondi bodies in the choroid plexus of an aged chimpanzee (Short Communication) 467-469
- Ono T, see Tsujii T, et al. 491-496
- Pappas GD, see Hanna RB, et al. 243-249
- Parysek LM, Eckert BS: Vimentin filaments in spreading, randomly locomoting, and f-met-leu-phe-treated neutrophils 575-581
- Patton S, see Welsch U, et al. 433-438
- Pavelka M, see Ellinger A 187-194
- Pegg AE, see Zagon IS, et al. 371-377
- Pfaff DW, see Cohen RS, et al. 485-489
- Phaneuf S, Grondin G, Roberge M, LeBel D, Lord A, Beaudoin AR: Cytological effects of ionophore-induced stimulation on the exocrine pancreas of the rat (Short Communication) 699-701
- Pirlot X, see Reusens-Billen B, et al. 503-508
- Pouchelet M, see Anteunis A, et al. 65-70
- Poulain DA, see Theodosis DT 217-219
- Primavera MV, see Zamboni Zallone A, et al. 561-564
- Puszkin S, see Trifaro JM, et al. 365-370
- Quéau A, see Juillard MT, et al. 539-549
- Radoux D, Heinen E, Kinet-Denoël C, Tilhange E, Simar L: Precise localization of antigens on follicular dendritic cells 267-274
- Reinecke M, see Heym Ch, et al. 411-418
- Remacle C, see Reusens-Billen B, et al. 503-508
- Reusens-Billen B, Pirlot X, Remacle C, Hoet JJ, Gasparo M de: Localization of GABA high-affinity binding sites in the pancreas of neonatal rat 503-508
- Roberge M, see Phaneuf S, et al. 699-701
- Robertson RT, see Seress L, et al. 453-457
- Robineaux R, see Anteunis A, et al. 65-70
- Sahara N, Suzuki K: Ultrastructural localization of dipeptidyl peptidase IV in rat salivary glands by immunocytochemistry 427-432
- Sahara N, see Matsuura S, et al. 295-301
- Sakakura Y, see Ishizeki K, et al. 419-426
- Sakakura Y, see Tachibana T, et al. 695-697
- Sano Y, see Inokuchi H, et al. 703-705
- Saria A, see Lundberg JM, et al. 251-261
- Schachner M, see Huang SK, et al. 327-337
- Schiavinato A, see Burighel P 309-318
- Schmalbruch H, see Jørgensen NC 643-646
- Schooneveld H, see Veenstra JA 303-308
- Schroeder HE, Dörig-Schwarzenbach A: Age-related decline of lymphoid-tissue components in the oral mucosa of the lip, cheek and soft palate of *Macaca fascicularis* 195-199
- Seely JE, see Zagon IS, et al. 371-377
- Seno S, see Tsujii T, et al. 491-496
- Seress L, Lázár G, Kosaras B, Robertson RT: Regional effect of monosodium-L-glutamate on the superficial layers of superior colliculus in rat 453-457
- Shimamura A, see Toyoshima K, et al. 479-484
- Simar L, see Radoux D, et al. 267-274
- Simpson CF: A unique connective tissue structure in the aortic media of the chicken (Short Communication) 215-216
- Singh S, see Welsch U, et al. 433-438
- Smyth JR Jr, see Boissy RE, et al. 663-668
- Sobue K, see Ishimura K, et al. 207-209
- Steinbrecht RA, Gnatzy W: Pheromone receptors in *Bombyx mori* and *Antheraea pernyi*. I. Reconstruction of the cellular organization of the sensilla trichodea 25-34
- Steinbrecht RA, see Gnatzy W, et al. 35-42
- Sterba G, see Lösecke W, et al. 201-206
- Sternberger LA, see Li JY, et al. 263-266
- Stroband HWJ, Taverne N, Bogaard M vd: The pig blastocyst: Its ultrastructure and the uptake of protein macromolecules 347-356
- Sundler F, see Leander S, et al. 521-531
- Suzuki K, see Matsuura S, et al. 295-301
- Suzuki K, see Sahara N 427-432
- Syed Ali S: Angioarchitecture of the pancreas of the cat. Light-, scanning- and transmission electron microscopy 675-682
- Taboulet J, see Treilhou-Lahille F, et al. 439-448
- Tachibana T, Ishizeki K, Sakakura Y, Nawa T: Ultrastructural evidence for a possible secretory function of Merkel cells in the barbels of a teleost fish, *Cyprinus carpio* (Short Communication) 695-697
- Tachibana T, see Ishizeki K, et al. 419-426
- Takahashi S, Okazaki K, Kawashima S: Mitotic activity of prolactin cells in the pituitary glands of male and female rats of different ages 497-502
- Takahashi Y, see Ushiki T, et al. 509-514
- Takasu N, see Goto T, et al. 471-478
- Takeuchi Y, see Inokuchi H, et al. 703-705
- Taugner R, Kirchheim H, Forssmann WG: Myoendothelial contacts in glomerular arterioles and in renal interlobular arteries of rat, mouse and *Tupaia belangeri* 319-325
- Taugner R, see Huang SK 137-141
- Taugner R, see Huang SK, et al. 327-337
- Taverne N, see Stroband HWJ, et al. 347-356
- Terlou M, see Hurk R van den, et al. 635-642

- Teti A, see Zamboni Zallone A, et al. 561-564
- Theodosius DT, Paulain DA: Evidence that oxytocin-secreting neurones are involved in the ultrastructural reorganisation of the rat supraoptic nucleus apparent at lactation 217-219
- Tibika H, see Abraham M, et al. 403-410
- Tigges J, see Oksche A, et al. 467-469
- Tigges M, see Oksche A, et al. 467-469
- Tilhange E, see Radoux D, et al. 267-274
- Tokarski TR, Hafner GS: Regional morphological variations within the crayfish eye 387-392
- Toyoshima K, Nada O, Shimamura A: Fine structure of monoamine-containing basal cells in the taste buds on the barbels of three species of teleosts 479-484
- Tréhou-Lahille F, Lasmoles F, Taboulet J, Barlet JP, Milhaud G, Moukhtar MS: Ultimobranchial gland of the domestic fowl. Two types of secretory cells involved in calcitonin metabolism 439-448
- Trifaro JM, Lee RWH, Puskin S: Immunofluorescent patterns of clathrin and dopamine beta-hydroxylase in chromaffin cells in culture 365-370
- Tsuji T, Naito I, Ukita S, Ono T, Seno S: The anionic barrier system in the mesonephric renal glomerulus of the arctic lamprey, *Entosphenus japonicus* (Martens) (Cyclostomata) 491-496
- Uddman R, see Leander S, et al. 521-531
- Ueck M, see Ueno S, et al. 3-11
- Uehara Y, see Matsuda S 13-18
- Ueno S, Umar H, Bambauer H-J, Ueck M: Ultracytochemical localization of Ca^{++} -ATPase activity in the parathyroid epithelial cells of the frog, *Rana esculenta* 3-11
- Ukita S, see Tsuji T, et al. 491-496
- Umar H, see Ueno S, et al. 3-11
- Ushiki T, Iwanaga T, Masuda T, Takahashi Y, Fujita T: Distribution and ultrastructure of S-100-immunoreactive cells in the human thymus 509-514
- Veenstra JA, Schooneveld H: Immunocytochemical localization of neurons in the nervous system of the Colorado potato beetle with antisera against FMRF amide and bovine pancreatic polypeptide 303-308
- Villena A, see Zapata A, et al. 691-693
- Walker DC, MacKenzie A, Wiggs BR, Hulbert WC, Hogg JC: The structure of tight junctions in the tracheal epithelium may not correlate with permeability 607-613
- Walro JM, Hikida RS, Hather BM: Quantification and origin of spindles in orthotopic and heterotopic grafts of avian muscles 515-519
- Watabe N, see Kinglsey RJ 533-538
- Watkins KC, see Anctil M, et al. 129-136
- Weakley BS, Bowker SJ, James JL: Enzyme studies on TPPase-reactive cytoplasmic structures observed in early meiotic prophase I of the hamster oocyte 379-386
- Weihe E, see Heym Ch, et al. 411-418
- Welsch U, Singh S, Buchheim W, Patton S: Internalization of ferritin-concanavalin A by the lactating mammary cell in vivo 433-438
- Wiggs BR, see Walker DC, et al. 607-613
- Winterhager E, Busch LC, Kühnel W: Membrane events involved in fusion of uterine epithelial cells in pseudopregnant rabbits 357-363
- With ND de, see Jong-Brink M de, et al. 593-600
- Wolff JR, see Bär Th, et al. 99-106
- Wong K, see Fisher AWF, et al. 19-23
- Yanaihara C, see Costa M, et al. 285-293
- Yanaihara N, see Costa M, et al. 285-293
- Yorke MA, Dickson DH: Diurnal variations in myeloid bodies of the newt retinal pigment epithelium 177-186
- Yoshida M, see Goto T, et al. 471-478
- Zaccheo D, see Martinoli C, et al. 647-655
- Zagon IS, McLaughlin PJ, Seely JE, Hoeksema GW, Pegg AE: Autoradiographic localization of ornithine decarboxylase in mouse kidney by use of radiolabeled α -difluoromethylornithine 371-377
- Zamboni Zallone A, Teti A, Primavera MV: Resorption of vital or devitalized bone by isolated osteoclasts in vitro. The role of lining cells 561-564
- Zapata A, Fänge R, Mattisson A, Villena A: Plasma cells in adult Atlantic hagfish, *Myxine glutinosa* (Short Communication) 691-693
- Zuber-Vogeli M, see Doerr-Schott J 211-214

Indexed in Current Contents

Subject Index

- Acetylcholine
Bird MM 85-89
- ACTH
Doerr-Schott J, et al. 211-214
Dores RM, et al. 107-115
- ACTH cells
Dacheux F 615-621, 623-633
Dores RM, et al. 107-115
Inoue K, et al. 71-75
- Adenosine triphosphatase
Ueno S, et al. 3-11
- Adrenal cortex
Nikicicz H, et al. 459-462
- Aging
Oksche A, et al. 467-469
Schroeder HE, et al. 195-199
- Ampullary organ
Istenci L, et al. 393-402
- Androgens
Hurk R van den, et al. 635-642
Matsuura S, et al. 295-301
- Anionic binding sites
Tsujii T, et al. 491-496
- Angioarchitecture
Syed Ali S 675-682
- Annulate lamellae
Goto T, et al. 471-478
- Antennae
Heimann P 117-128
- Antigen localization
Radoux D, et al. 267-274
- Aorta
Simpson CF 215-216
- Astrocytes
Huang SK, et al. 327-337
- Autonomic innervation
Buchan AMJ 657-661
Costal M, et al. 285-293
Leander S, et al. 521-531
- Autonomic ganglia
Heym Ch, et al. 411-418
- Barbels
Tachibana T, et al. 605-697
Toyoshima K, et al. 479-484
- Basal lamina
Jong-Brink M de, et al. 593-600
- Biondi bodies
Oksche A, et al. 467-469
- Blastocyst
Stroband HWJ, et al. 347-356
- Blood-testis barrier
Jong-Brink M de, et al. 593-600
- Bombesin
Costal M, et al. 285-293
- Bone
Zallone AZ, et al. 561-564
- Bone formation
Zallone AZ, et al. 561-564
- Bone marrow
Maxwell MH 171-176
- Calcification
Kingsley RJ, et al. 533-538
- Calcitonin
Treilhou-Lahille F, et al. 439-448
- Calcitonin cells (C-cells)
Treilhou-Lahille F, et al. 439-448
- Calcium ions
Haase W, et al. 683-690
Phaneuf S, et al. 699-701
- Calcium, localization
Haase W, et al. 683-690
- Caldesmon
Ishimura K, et al. 207-209
- Calmodulin
Ishimura K, et al. 207-209
- Capillaries
Bär Th, et al. 99-106
Gabella G 275-283
- Capsaicin
Lundberg JM, et al. 251-261
- Cell differentiation
Larsson HO, et al. 51-58
- Cell division
McDonnell TJ, et al. 583-592
- Cell movements
Donaldson DJ, et al. 221-224
- Cerebellum
Müller U, et al. 91-98
- Channel cell
Lucht DL, et al. 143-151
- Chemotaxis
Parysek LM, et al. 575-581
- Cholecystokinin
Leander S, et al. 521-531
- Chorion
Martinoli C, et al. 647-655
- Choroid plexus
Oksche A, et al. 467-469
- Chromaffin cells
Trifaró JM, et al. 365-370
- Chromatin
Anteunis A, et al. 65-70
Rochelle SC, et al. 485-489
- Cilia
Menco BPM 225-241
- Clathrin
Trifaró JM, et al. 365-370
- Collagen
Gabella G 275-283
- Colliculus superior
Seress L, et al. 453-457
- Compound eye
Tokarski TR, et al. 387-392
- Concanavalin A
Welsch U, et al. 433-438
- Connective tissue
Mackenzie IC, et al. 551-554
Simpson CF 215-216
- Cornea
Tokarski TR, et al. 387-392
- Corpus cardiacum
Veenstra JA, et al. 303-308
- Cuticle
Heimann P 117-128
- Cytoarchitectonic pattern
Müller U, et al. 91-98
- Degeneration
Burighel P, et al. 309-318
- Dendritic reticulum cell
Radoux D, et al. 267-274
- Development, ontogenetic
Inoue K, et al. 71-75
Matsuda S, et al. 13-18
- Digestive tract
Burighel P, et al. 309-318
- Diurnal changes
Yorke MA, et al. 177-186
- DNA
Anteunis A, et al. 65-70
- Dopamine β -hydroxylase
Heym Ch, et al. 411-418
Trifaró JM, et al. 365-370
- Electroreception
Istenci L, et al. 393-402
- Endocytosis
Neiss WF 463-466
Welsch U, et al. 433-438
- Endoplasmic reticulum, specialized
Yorke MA, et al. 177-186
 α -, β -Endorphin
Dacheux F 615-621
Leander S, et al. 521-531
- Endothelium
Bär Th, et al. 99-106
- Enkephalin
Dores RM, et al. 107-115
Heym Ch, et al. 411-418
- Enterochromaffin cells
Inokuchi H, et al. 703-705
- Enteroendocrine cells
Inokuchi H, et al. 703-705
- Epidermis
Donaldson DJ, et al. 221-224
- Epithelial cells
Ishimura K, et al. 207-209
Mackenzie IC, et al. 551-554
Ueno S, et al. 3-11
Winterhager E, et al. 357-363
- Epithelial transport
Ueno S, et al. 3-11
- Epithelium
Walker DC, et al. 607-613
- Estrogen
Rochelle SC, et al. 485-489
- Exocytosis
Phaneuf S, et al. 699-701
- Extracellular matrix
Donaldson DJ, et al. 221-224
Gabella G 275-283
Kingsley RJ, et al. 533-538
- Extracellular space
Abraham M, et al. 403-410
- Eyes, compound
Tokarski TR, et al. 387-392
- Eyestalk
Jacobs AAC, et al. 601-605
- Ferritin
Welsch U, et al. 433-438
- Fibroblasts
Norrry K, et al. 339-345
- FMRF amide (molluscan cardioexcitatory peptide)
Jacobs AAC, et al. 601-605
Veenstra JA, et al. 303-308
- Follicle maturation
Abraham M, et al. 403-410
Cajander S, et al. 59-63, 565-573
- FSH cells
Dacheux F 623-633
Inoue K, et al. 71-75, 77-83
- GABA
Reusens-Billen B, et al. 503-508
- Ganglia, spinal
Matsuda S, et al. 13-18
- Gap junctions
Hanna RB, et al. 243-249
Huang SK, et al. 137-141
- Gastrin-releasing peptide (GRP)
Costal M, et al. 285-293
Leander S, et al. 521-531
- GFA protein
Huang SK, et al. 327-337
- Glomerular arterioles
Taugner R, et al. 319-325
- Glomerulus
Tsujii T, et al. 491-496
- Golgi complex
Kingsley RJ, et al. 533-538
- Gonadotropic hormone(s)
Hurk R van den, et al. 635-642
Morel G, et al. 159-169
- Grafts, grafting
Walro JW, et al. 515-519
- Granulocytes
Boissy RE, et al. 663-668
Ishizeki K, et al. 419-426
Maxwell MH 171-176
Parysek LM, et al. 575-581
- Granulocytes, eosinophilic
Ishizeki K, et al. 419-426
- Growth hormone cells
Dacheux F 615-621, 623-633
- Gut hormones
Leander S, et al. 521-531
- Heart
McDonnell TJ, et al. 583-592
- Hematopoiesis
Ishizeki K, et al. 419-426
Zapata A, et al. 691-693
- Hofbauer cells
Martinoli C, et al. 647-655
- Human chorionic gonadotropin (HCG)
Cajander S, et al. 565-573

- Hypertrophy**
Gabella G 275-283
- Hypothalamus**
Rochelle SC, et al. 485-489
- Immune response**
Zapata A, et al. 691-693
- Inclusion bodies**
Oksche A, et al. 467-469
- Interdigitating cells**
Bielefeldt Ohmann H, et al. 153-158
Ushiki T, et al. 509-514
- Intermediate filaments**
Parysek LM, et al. 575-581
- Intestine, small**
Costal M, et al. 285-293
Ellinger A, et al. 187-194
Gabella G 275-283
Ishimura K, et al. 207-209
- Intramembranous particle aggregates**
Hanna RB, et al. 243-249
Menco BPM 225-241
- Ionic regulation**
Ellinger A, et al. 187-194
Phaneuf S, et al. 699-701
- Junctional structures**
Hanna RB, et al. 243-249
Jong-Brink M de, et al. 593-600
Steinbrecht RA, et al. 25-34
Walker DC, et al. 607-613
- Juxtaglomerular apparatus**
Taugner R, et al. 319-325
- Karyometry**
Hildebrand R, et al. 669-673
- Keratin**
Mackenzie IC, et al. 551-554
- Kidney**
Neiss WF 463-466
Zagon IS, et al. 371-377
- Lactation**
Theodosius DT, et al. 217-219
- Laminin**
Donaldson DJ, et al. 221-224
- LH-cells 12.022.1**
Dacheux F 623-633
Doerr-Schott J, et al. 211-214
Inoue K, et al. 71-75, 77-83
- LHRH (Luliberin)**
Li JY, et al. 263-266
- LHRH-immunoreactivity**
Li JY, et al. 263-266
- Lipids**
Yorke MA, et al. 177-186
- Liver**
Hildebrand R, et al. 669-673
- Locomotion**
Parysek LM, et al. 575-581
- Locus coeruleus**
Ancil M, et al. 129-136
- Luminescence**
Ancil M, et al. 129-136
- β -LPH**
Dacheux F 615-621
- LTH**
Doerr-Schott J, et al. 211-214
- Lymph nodes**
Radoux D, et al. 267-274
- Lymphocytes**
Anteunis A, et al. 65-70
- Lymphoid cells**
Schroeder HE, et al. 195-199
- Lymphoid organs (other than listed)**
Bielefeldt Ohmann H, et al. 153-158
Schroeder HE, et al. 195-199
Zapata A, et al. 691-693
- Macromolecules**
Stroband HWJ, et al. 347-353
- Macrophages**
Martinoli C, et al. 647-655
Norrby K, et al. 339-345
Radoux D, et al. 267-274
- Mammary gland**
Welsch U, et al. 433-438
- Mast cells**
Norrby K, et al. 339-345
- Mechanoreceptors**
Toyoshima K, et al. 479-484
- Meiosis**
Weakley BS, et al. 379-386
- Melanogenesis**
Boissy RE, et al. 663-668
- Membrane dynamics**
Gnatzy W, et al. 35-42
Lee RMKW, et al. 43-49
Ueno S, et al. 3-11
Welsch U, et al. 433-438
- Membrane fusion**
Winterhager E, et al. 357-363
- Membrane permeability**
Jørgensen N-Ch, et al. 643-646
Lee RMKW, et al. 43-49
- Membrane surface**
Goto T, et al. 471-478
- Merkel cells**
Tachibana T, et al. 605-697
- Mesenchymal cells**
Mackenzie IC, et al. 551-554
- Mesentery**
Norrby K, et al. 339-345
- Mesonephros**
Tsujii T, et al. 491-496
- Mesothelium**
Norrby K, et al. 339-345
- Microtubules**
Simpson CF 215-216
- Microvasculature**
Bär Th, et al. 99-106
- Microvilli**
Menco BPM 225-241
- Mitotic activity**
Takahashi S, et al. 497-502
- Molting**
Heimann P 117-128
- Monensin**
Ellinger A, et al. 187-194
- Monoamines**
Toyoshima K, et al. 479-484
- L-monosodium glutamate**
Seress L, et al. 453-457
- MSH, α -MSH**
Doerr-Schott J, et al. 211-214
Dores RM, et al. 107-115
- MSH-producing cells**
Dacheux F 615-621
- Mucosa**
Inokuchi H, et al. 703-705
Mackenzie IC, et al. 551-554
- Muscle, skeletal**
Walro JW, et al. 515-519
- Muscle, smooth**
Gabella G 275-283
Ishimura K, et al. 207-209
Lee RMKW, et al. 43-49
Lundberg JM, et al. 251-261
- Muscle spindles**
Walro JW, et al. 515-519
- Myeloid bodies**
Yorke MA, et al. 177-186
- Myenteric ganglia**
Costal M, et al. 285-293
- Myoendothelial contacts**
Taugner R, et al. 319-325
- Neuroblasts**
Matsuda S, et al. 13-18
- Neuroendocrine regulation**
Matsuda S, et al. 13-18
- Neuropeptide immunocytochemistry**
Buchan AMJ 657-661
Heym Ch, et al. 411-418
Leander S, et al. 521-531
- Neurosecretion**
Fisher AWF, et al. 19-23
- Neurosecretory neurons**
Fisher AWF, et al. 19-23
- Neurosecretory system, caudal**
Fisher AWF, et al. 19-23
- Neurotensin**
Heym Ch, et al. 411-418
Leander S, et al. 521-531
- Neurotransmitters**
Jacobs AAC, et al. 601-605
- Noradrenaline**
Ancil M, et al. 129-136
- Nuclei**
Hildebrand R, et al. 669-673
- Nucleoli**
Anteunis A, et al. 65-70
Rochelle SC, et al. 485-489
- Olfactory epithelium**
Menco BPM 225-241
- Oocytes**
Abraham M, et al. 403-410
Weakley BS, et al. 379-386
- Optic nerve, -tract**
Seress L, et al. 453-457
- Oral mucosa**
Schroeder HE, et al. 195-199
- Ornithine**
Zagon IS, et al. 371-377
- Ornithine decarboxylase**
Zagon IS, et al. 371-377
- Osteoclasts**
Zallone AZ, et al. 561-564
- Ovariectomy**
Takahashi S, et al. 497-502
- Ovaries**
Cajander S, et al. 59-63, 565-573
- Ovulation**
Cajander S, et al. 59-63, 565-573
- Oxytocin neurons**
Theodosius DT, et al. 217-219
- Pancreas, endocrine**
Syed Ali S 675-682
Buchan AMJ 657-661
Reusens-Billen B, et al. 503-508
- Pancreas, exocrine**
Haase W, et al. 683-690
Phaneuf S, et al. 699-701
Reusens-Billen B, et al. 503-508
- Pancreatic polypeptide (PP)**
Veenstra JA, et al. 303-308
- Pancreatic polypeptide (PP)-immunoreactive cells**
Veenstra JA, et al. 303-308
- Paracrine cells**
Tachibana T, et al. 605-697
Toyoshima K, et al. 479-484
- Paraphysis cerebri**
Ueno S, et al. 3-11
- Parathyroid glands**
Larsson HO, et al. 51-58
- Parotid gland**
Sahara N, et al. 427-432
- Peptidases**
Sahara N, et al. 427-432
- Peptidergic neurons**
Veenstra JA, et al. 303-308
- Permeability**
Tsujii T, et al. 491-496
Walker DC, et al. 607-613
- Phagocytes**
Burighel P, et al. 309-318
- Phagocytosis**
Norrby K, et al. 339-345
- Pheromones**
Gnatzy W, et al. 35-42
Steinbrecht RA, et al. 25-34
- Phosphatases**
Weakley BS, et al. 379-386
- Phosphate**
Gnatzy W, et al. 35-42
Steinbrecht RA, et al. 25-34
- Photophores**
Ancil M, et al. 129-136
- Photoreceptor cells**
Goto T, et al. 471-478

- Phytohaemagglutinin
Anteunis A, et al. 65-70
- Pigment cells
Boissy RE, et al. 663-668
- Pinealocytes
Huang SK, et al. 137-141, 327-337
- Juillard MT, et al. 539-549
- Pineal organ
Huang SK, et al. 137-141, 327-337
- Juillard MT, et al. 539-549
- Pituitary gland, pars anterior
Dacheux F 615-621, 623-633
- Doerr-Schott J, et al. 211-214
- Dores RM, et al. 107-115
- Hurk R van den, et al. 635-642
- Inoue K, et al. 71-75, 77-83
- Li JY, et al. 263-266
- Morel G, et al. 159-169
- Takahashi S, et al. 497-502
- Placenta
Martinoli C, et al. 647-655
- Plasma cells
Zapata A, et al. 691-693
- Plasmalemma
Jørgensen N-Ch, et al. 643-646
- Weakley BS, et al. 379-386
- Polyamines
Zagon IS, et al. 371-377
- Potassium ions
Ueno S, et al. 3-11
- Prolactin cells
Dacheux F 615-621, 623-633
- Takahashi S, et al. 497-502
- Pseudopregnancy
Winterhager E, et al. 357-363
- Purkinje cells
Müller U, et al. 91-98
- Pyknosis, nuclear
Seress L, et al. 453-457
- Receptors, membrane
Bird MM 85-89
- Gnatzy W, et al. 35-42
- Steinbrecht RA, et al. 25-34
- Reissner's fiber
Lösecke W, et al. 201-206
- Renal vasculature
Taugner R, et al. 319-325
- Respiratory epithelium
Menco BPM 225-241
- Respiratory tract
Lundberg JM, et al. 251-261
- Retinal pigment epithelium
Yorke MA, et al. 177-186
- Rhabdom
Tokarski TR, et al. 387-392
- S-100 protein
Ushiki T, et al. 509-514
- Salivary glands
Sahara N, et al. 427-432
- Satellite cells, neuronal
Matsuda S, et al. 13-18
- Schwann cells
Reusens-Billen B, et al. 503-508
- Secretory cells
Lösecke W, et al. 201-206
- Secretory granules
Lösecke W, et al. 201-206
- Secretory process
Haase W, et al. 683-690
- Phaneuf S, et al. 699-701
- Sensilla
Gnatzy W, et al. 35-42
- Heimann P 117-128
- Steinbrecht RA, et al. 25-34
- Sensory cells
Gnatzy W, et al. 35-42
- Heimann P 117-128
- Steinbrecht RA, et al. 25-34
- Serotonin
Ancil M, et al. 129-136
- Serotonin-containing cells
Inokuchi H, et al. 703-705
- Juillard MT, et al. 539-549
- Sertoli cells
Jong-Brink M de, et al. 593-600
- Sexual dimorphism
Güldner F-H 449-452
- Matsuura S, et al. 295-301
- Nikicicz H, et al. 459-462
- Takahashi S, et al. 497-502
- Skin
Mackenzie IC, et al. 551-554
- Somatotropin (STH)
Doerr-Schott J, et al. 211-214
- Spermatogenesis
Jong-Brink M de, et al. 593-600
- Steroids
Hurk R van den, et al. 635-642
- Stomach
Inokuchi H, et al. 703-705
- Subcommissural organ
Lösecke W, et al. 201-206
- Submandibular gland
Matsuura S, et al. 295-301
- Sahara N, et al. 427-432
- Substance P
Heym Ch, et al. 411-418
- Lundberg JM, et al. 251-261
- Suprachiasmatic nucleus
Güldner F-H 449-452
- Supraoptic nuclei
Theodosius DT, et al. 217-219
- Sympathetic innervation
Juillard MT, et al. 539-549
- Synapse formation
Bird MM 85-89
- Synapses
Bird MM 85-89
- Güldner F-H 449-452
- Hanna RB, et al. 243-249
- Theodosius DT, et al. 217-219
- Synapses, electrotonic
Hanna RB, et al. 243-249
- Taste buds
Toyoshima K, et al. 479-484
- Testis
Matsuura S, et al. 295-301
- Testosterone
Morel G, et al. 159-169
- Thiamine pyrophosphatase
Weakley BS, et al. 379-386
- Thymus
Ushiki T, et al. 509-514
- Thyrotropin (TSH)
Dacheux F 623-633
- Doerr-Schott J, et al. 211-214
- Tight junctions
Walker DC, et al. 607-613
- Trachea
Walker DC, et al. 607-613
- Transport
Lucht DL, et al. 143-151
- Transport, intracellular
Jørgensen N-Ch, et al. 643-646
- Stroband HWJ, et al. 347-356
- Trimetaphosphatase
Maxwell MH 171-176
- Trophoblastic cells
Stroband HWJ, et al. 347-356
- Ultimobranchial gland
Treilhou-Lahille F, et al. 439-448
- Urophysis
Fisher AWF, et al. 19-23
- Urotensin I
Fisher AWF, et al. 19-23
- Uterine epithelium
Winterhager E, et al. 357-363
- Uterus
Winterhager E, et al. 357-363
- Vacuoles
Neiss WF 463-466
- Vagus nerve
Lundberg JM, et al. 251-261
- Vas deferens
Lee RMKW, et al. 43-49
- Vascular corrosion replicas
Syed Ali S 675-682
- Vascular system
Syed Ali S 675-682
- Vasoactive intestinal polypeptide (VIP)
Heym Ch, et al. 411-418
- Ventromedial nucleus
Rochelle SC, et al. 485-489
- Vimentin
Huang SK, et al. 327-337
- Parysek LM, et al. 575-581
- Vitellogenesis
Abraham M, et al. 403-410
- Vitellogenin
Abraham M, et al. 403-410
- Wound healing
McDonnell TJ, et al. 583-592
- Zymogen granules
Phaneuf S, et al. 699-701